Party A Exhibit *10-7*

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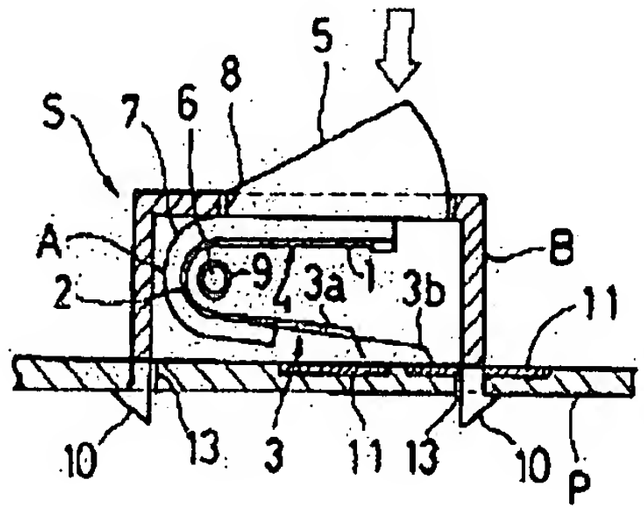
(54) Push Switch for Printed Circuit Board

(57) [Abstract] (amended)

[Purpose] To provide a push switch for a printed circuit board capable of opening/closing electrical circuits to and from each other, by constituting the push switch in such a way that an extremely small switch body housing a contact spring piece is mounted at the intended position on the printed circuit board, as in the case of various types of small electronic parts.

[Constitution] A contact spring piece A comprising a pusher 5, a fulcrum shaft 6, and upper and lower contact pieces 3a and 3b is provided, while providing a case B having a slit 8 on a top plate, shaft holes 9 through right and left side plates, and grip means 10 at a lower end. The contact spring piece A [is housed] within the case B, with its fulcrum shaft 6 engaged with the shaft hole 9 or a recess, and the switch body S is provided by fitting the pusher 5 into the slit 8 and installing it so that its tip projects to the exterior of the top plate. This switch body S is mounted on the circuit 11 of a printed circuit board P via the mounting means 10. Thus, the lower contact piece 3b of the contact spring piece A is pressure-contacted with one circuit 11, and the upper contact piece 3a is positioned above the other circuit 11.



S:	Switch body	4:	Horizontal U-shaped spring piece
P:	Printed circuit board	5:	Pusher
A:	Contact spring piece	6:	Fulcrum shaft
B:	Case	7:	Holder
1:	Upper piece	8:	Slit
2:	Recurved part	9:	Shaft hole
3:	Lower piece	10:	Mounting means
3a:	Upper contact piece	11:	Circuit
3b:	Lower contact piece	13:	Installation hole